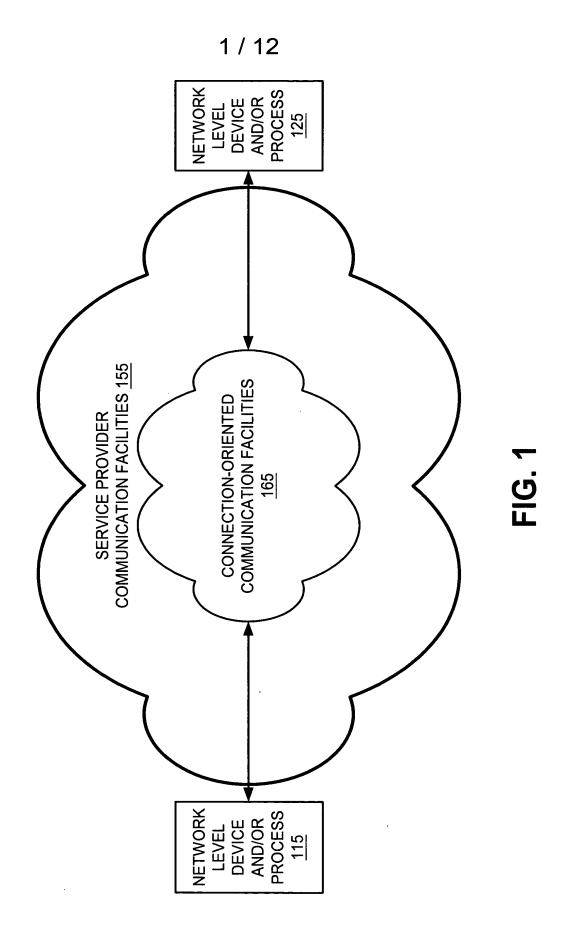
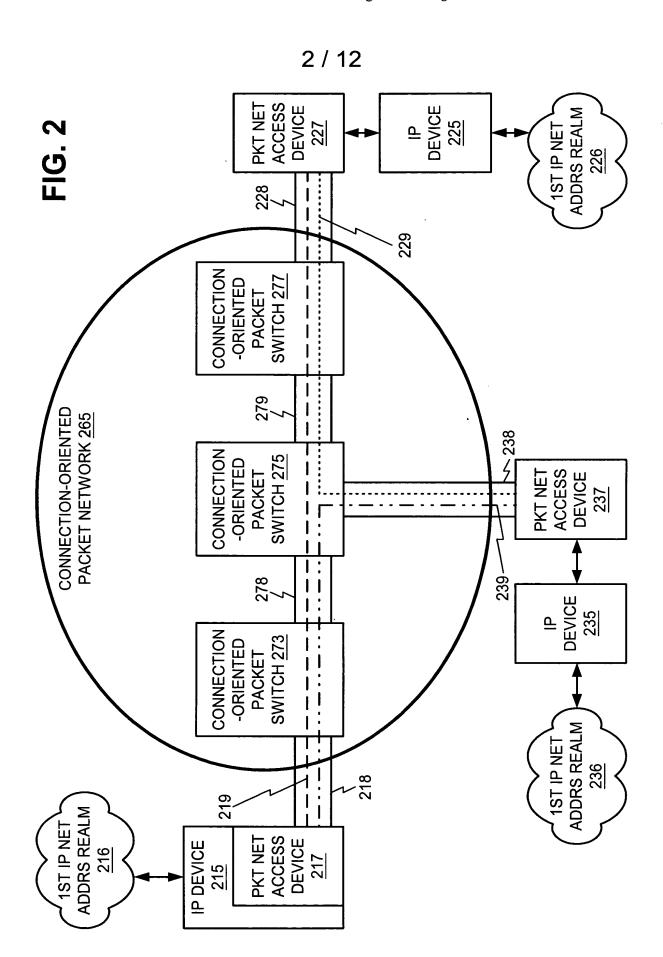
Inventor(s): Abdo, et al. Docket No.: 61607-1730

ocket No.: 61607-1730 Page 1 of 12 Pages



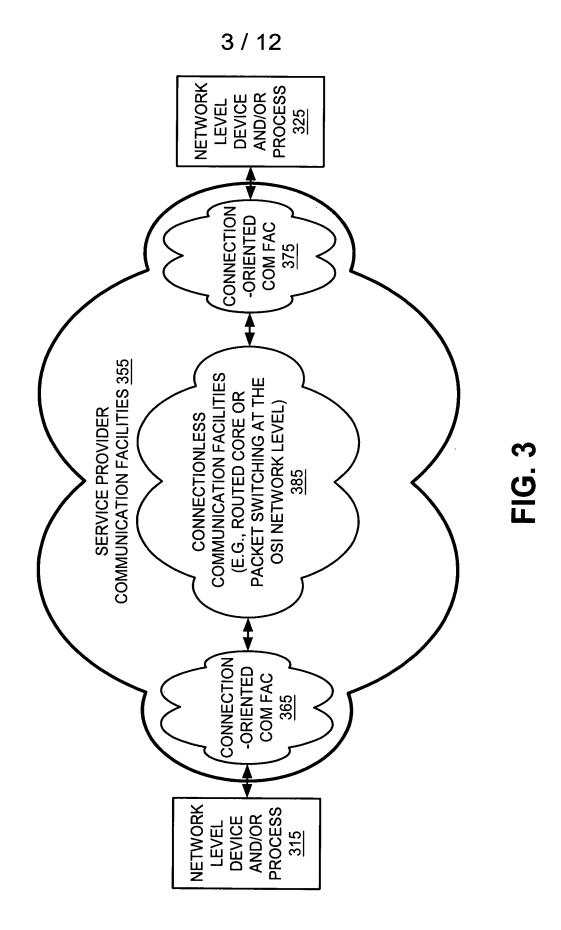
Inventor(s): Abdo, et al.

Docket No.: 61607-1730 Page 2 of 12 Pages



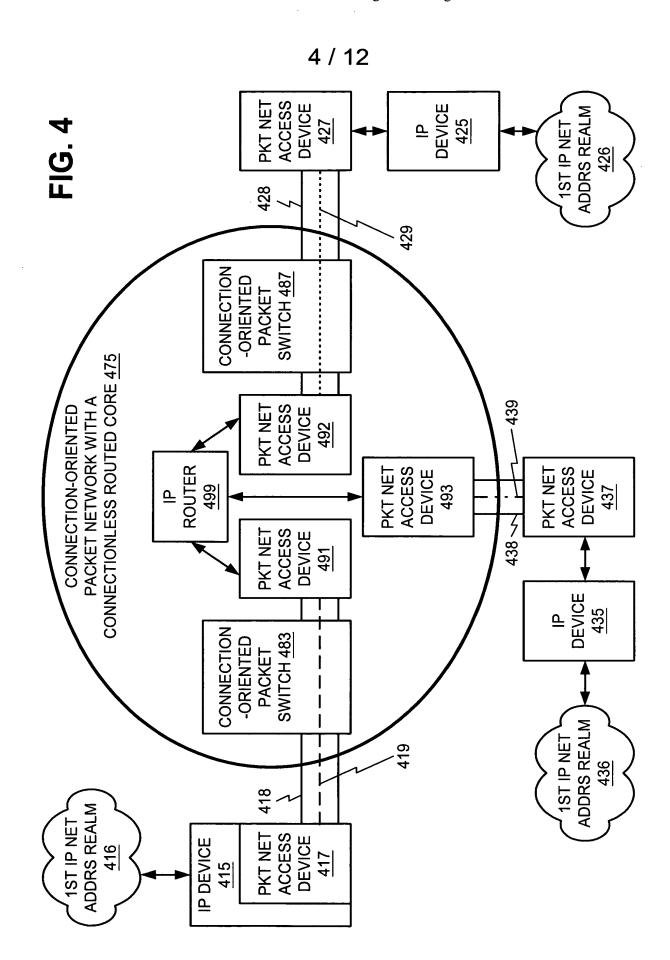
Inventor(s): Abdo, et al.

Docket No.: 61607-1730 Page 3 of 12 Pages



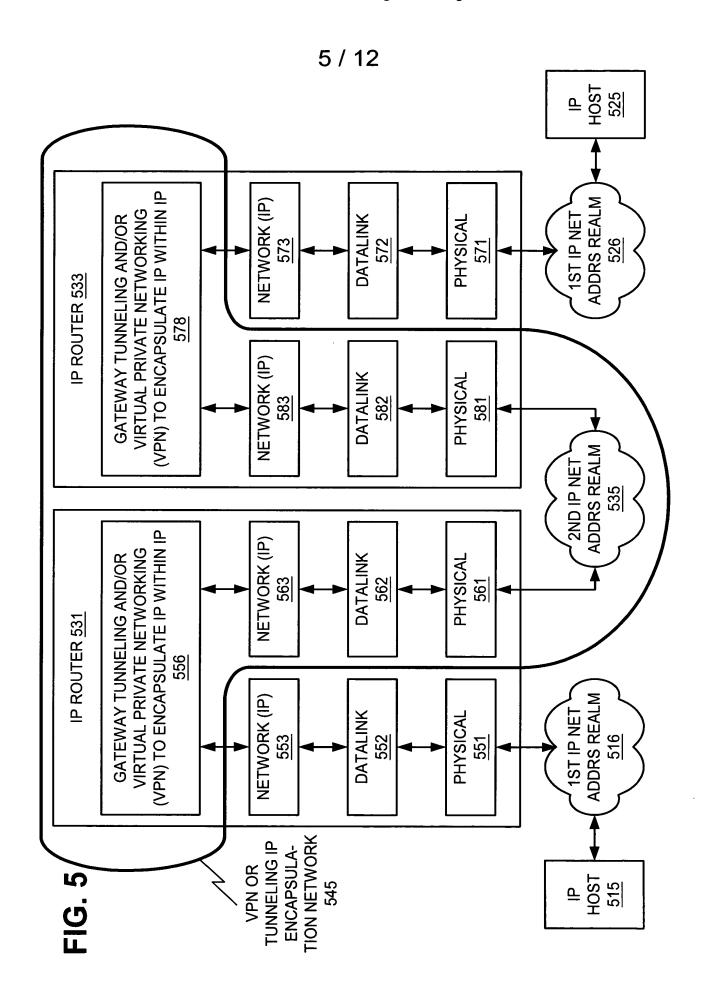
Inventor(s): Abdo, et al. Docket No.: 61607-1730

ocket No.: 61607-1730 Page 4 of 12 Pages



Inventor(s): Abdo, et al.

Docket No.: 61607-1730 Page 5 of 12 Pages



Inventor(s): Abdo, et al.

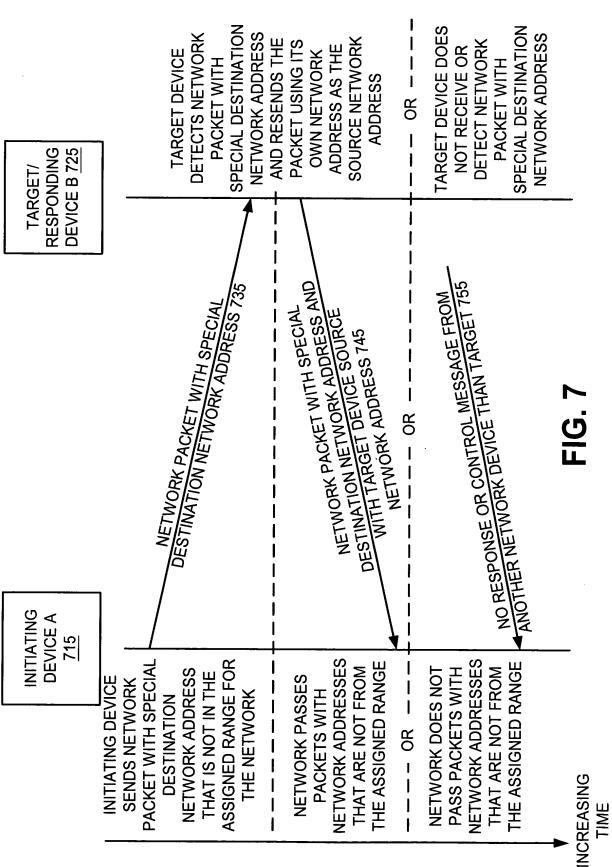
Docket No.: 61607-1730 Page 6 of 12 Pages



DETECTING WHETHER
AT LEAST ONE FIRST
NETWORK LAYER
PROTOCOL PACKET
WITH A PARTICULAR
CHARACTERISTIC HAS
BEEN RECEIVED 615

DETERMINING THE
CAPABILITY OF AT
LEAST ONE
COMMUNICATION
FACILITY TO PASS
NETWORK LAYER
PROTOCOL PACKETS
WITH THE
PARTICULAR
CHARACTERISTIC 625

Title: Automatic Discovery of Network Core Type Inventor(s): Abdo, et al. Docket No.: 61607-1730 Page 7 of 12 Pages 7 / 12 TARGET DEVICE DOES SPECIAL DESTINATION **DETECTS NETWORK** NETWORK ADDRESS SOURCE NETWORK AND RESENDS THE PACKET USING ITS DETECT NETWORK ADDRESS AS THE NOT RECEIVE OR TARGET DEVICE **OWN NETWORK** PACKET WITH **ADDRESS** I R



Inventor(s): Abdo, et al.

Docket No.: 61607-1730 Page 8 of 12 Pages



TRANSMITTING AT LEAST ONE SECOND NETWORK LAYER PROTOCOL PACKET WITH A PARTICULAR CHARACTERISTIC <u>835</u>

DETECTING WHETHER
AT LEAST ONE FIRST
NETWORK LAYER
PROTOCOL PACKET
WITH THE
PARTICULAR
CHARACTERISTIC HAS
BEEN RECEIVED 615

DETERMINING THE
CAPABILITY OF AT
LEAST ONE
COMMUNICATION
FACILITY TO PASS
NETWORK LAYER
PROTOCOL PACKETS
WITH THE
PARTICULAR
CHARACTERISTIC 625

Inventor(s): Abdo, et al.

Docket No.: 61607-1730 Page 9 of 12 Pages

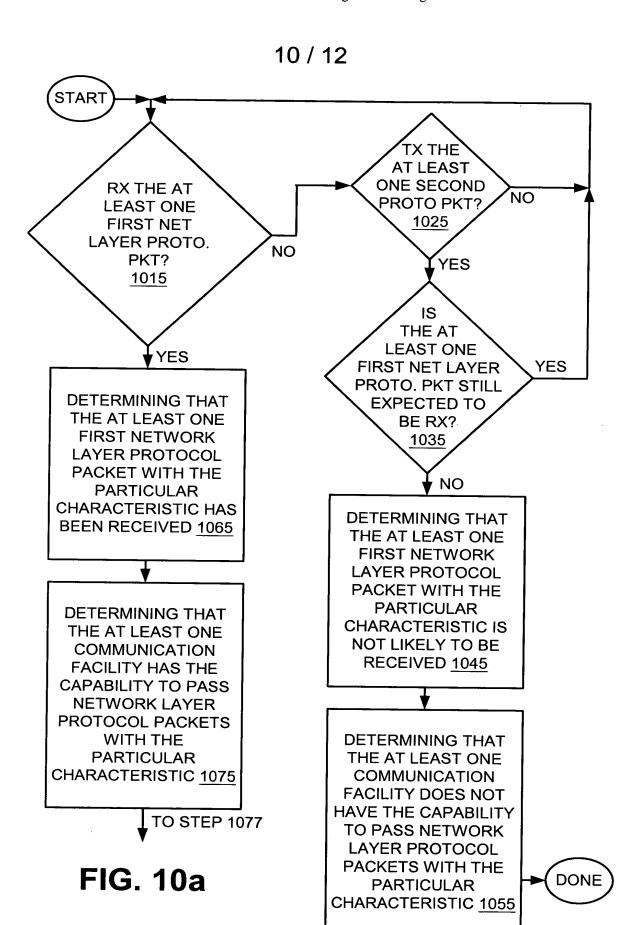


DETECTING WHETHER
AT LEAST ONE FIRST
NETWORK LAYER
PROTOCOL PACKET
WITH THE
PARTICULAR
CHARACTERISTIC HAS
BEEN RECEIVED 615

DETERMINING THE
CAPABILITY OF AT
LEAST ONE
COMMUNICATION
FACILITY TO PASS
NETWORK LAYER
PROTOCOL PACKETS
WITH THE
PARTICULAR
CHARACTERISTIC 625

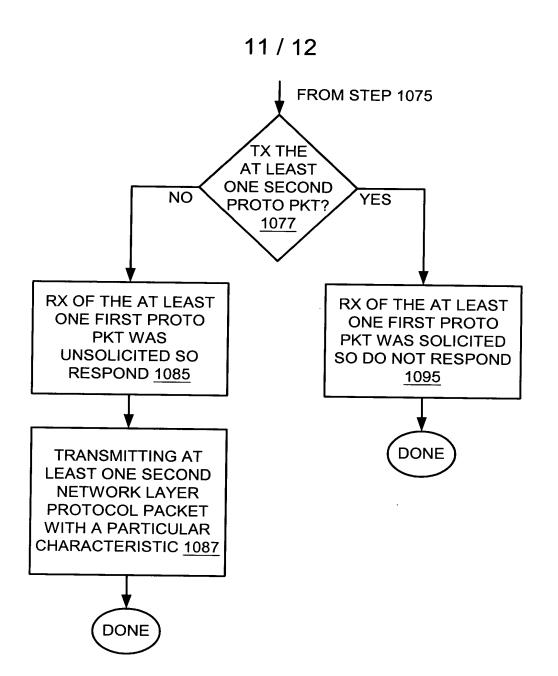
TRANSMITTING AT LEAST ONE SECOND NETWORK LAYER PROTOCOL PACKET WITH A PARTICULAR CHARACTERISTIC 935 Title: Automatic Discovery of Network Core Type Inventor(s): Abdo, et al.

Docket No.: 61607-1730 Page 10 of 12 Pages



Inventor(s): Abdo, et al.

Docket No.: 61607-1730 Page 11 of 12 Pages



**FIG. 10b** 

Inventor(s): Abdo, et al.

Docket No.: 61607-1730 Page 12 of 12 Pages

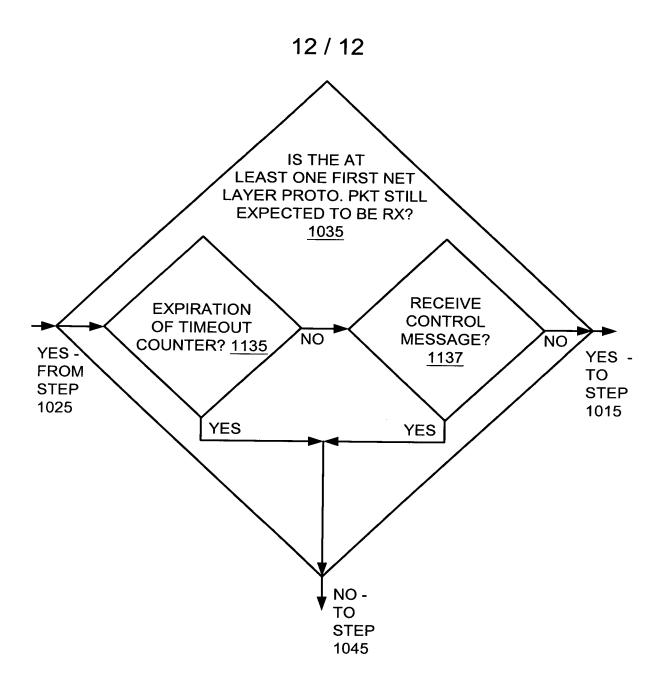


FIG. 11